

***Paulownia tomentosa* Woodland**

COMMON NAME	Princess-tree Woodland
SYNONYM	Princess-Tree Woodland
PHYSIOGNOMIC CLASS	Woodland (II)
PHYSIOGNOMIC SUBCLASS	Deciduous woodland (II.B)
PHYSIOGNOMIC GROUP	Cold-deciduous woodland (II.B.2)
PHYSIOGNOMIC SUBGROUP	Natural/Semi-natural (II.B.2.N)
FORMATION	Cold-deciduous woodland (II.B.2.N.a)

ALLIANCE *Paulownia tomentosa* Woodland Alliance

CLASSIFICATION CONFIDENCE LEVEL 2

USFWS WETLAND SYSTEM Upland

RANGE

Globally

Paulownia tomentosa is native to eastern Asia, where it is a minor component of deciduous mesophytic forests. It has become naturalized in portions of the eastern United States, where it occurs as small, scattered populations along roadsides, in disturbed woodlots, and in streamside forests. The species has been widely planted in eastern North America from Montreal to Florida, and west to Missouri and Texas. The association, however, is currently only defined for montane portions of North Carolina, Tennessee, and Virginia.

Great Smoky Mountains National Park

This community was not sampled on the Cades Cove or Mount Le Conte quadrangles. It is possible in the park.

ENVIRONMENTAL DESCRIPTION

Globally

This woodland occurs on steep roadcuts, highway rights-of-way, and in other disturbed steep and rocky areas. *Paulownia tomentosa* is not likely to become an invasive pest, since it requires large-scale, substrate-scarifying disturbance for optimal establishment and maintenance.

Great Smoky Mountains National Park

No Information

MOST ABUNDANT SPECIES

Globally

<u>Stratum</u>	<u>Species</u>
----------------	----------------

No Information

Great Smoky Mountains National Park

<u>Stratum</u>	<u>Species</u>
----------------	----------------

No Information

CHARACTERISTIC SPECIES

Globally

No Information

Great Smoky Mountains National Park

No Information

VEGETATION DESCRIPTION

Globally

No Information

Great Smoky Mountains National Park

No Information

OTHER NOTEWORTHY SPECIES

No Information

CONSERVATION RANK GW

RANK JUSTIFICATION This vegetation is dominated by invasive alien species and is thus not a conservation priority.

DATABASE CODE C EGL003687

COMMENTS

Globally

No Information

Great Smoky Mountains National Park

REFERENCES

Burns and Honkala 1990b, Williams 1993